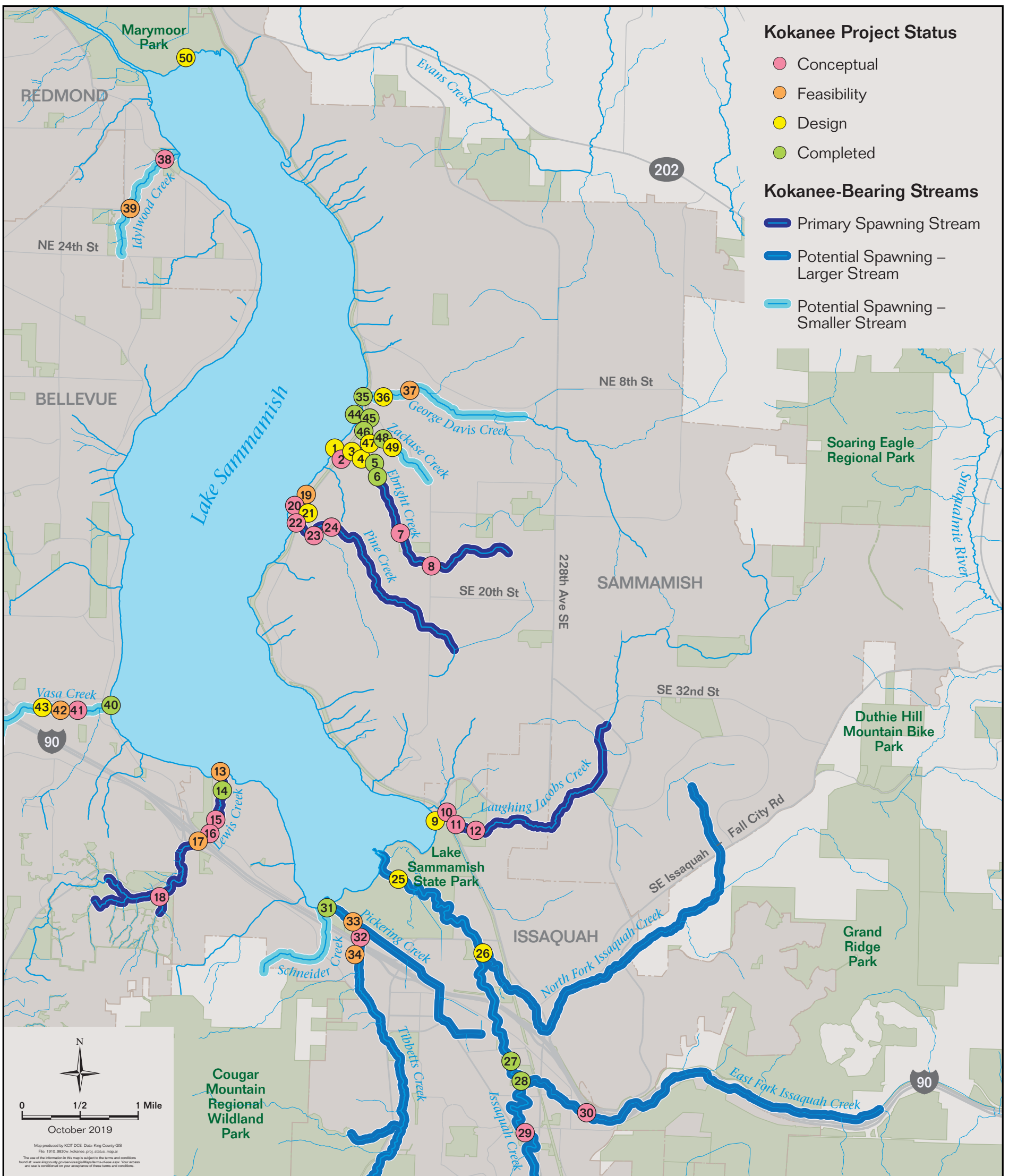


Kokanee Salmon Habitat Restoration and Protection 2019 Project Status



LAKE SAMMAMISH KOKANEE WORK GROUP We're partnering to save kokanee



***Friends of
Pine Lake***



Kokanee Salmon Habitat Restoration and Protection

2019 Project Status

● Conceptual ● Feasibility ● Design ● Completed

Ebright Creek		Description	Lead
1	Lower Reach Stream Enhancement	Reduce bank armoring between parkway and lake and improve riparian buffer conditions.	MSFEG, ST, TU
2	Lower Reach Habitat Protection	Allow expansion of lower reach stream enhancements and increase habitat protection.	Landowner
3	Culvert Replacement at East Lake Samm. Trail	Replace culvert to improve fish passage and sediment transport.	King County
4	Culvert replacement at East Lake Samm. Pkwy	Replace culvert to improve fish passage and sediment transport.	Sammamish
5	Middle Reach Restoration	Enhance and restore spawning habitat upstream of parkway.	Landowner, ST, MSFEG
6	Driveway Bridge Replacement	Retrofit driveway bridge to ensure adequate fish passage, sediment and wood transport.	Landowner
7	Culvert Replacement at 12th Street	Replace culvert to modulate stream flow/velocity.	Landowner
8	Upper Reach Habitat Protection	Protect spawning habitat and prevent or minimize direct impacts to kokanee eggs.	Sammamish
Laughing Jacobs Creek			
9	Assessment of Reroute Option	Evaluate feasibility of rerouting stream.	TU & ST
10	Lower Reach Restoration	Reroute channel or enhance current channel to improve spawning.	WSP, Issaquah, KC, Landowners
11	Assessment of Parkway Culvert	Evaluate hydraulics and fish passage of culvert under parkway.	WSP, Issaquah, KC
12	Restoration in Hans Jensen Park	Enhance stream by installing pool-forming structures and adding spawning gravel.	State Parks
Lewis Creek			
13	Lewis Creek Delta Restoration	Restore shoreline and install bank and riparian habitat features near the creek mouth.	Issaquah
14	Lower Spawning Reach Restoration	Install grade control structures and large woody debris over 1800 feet of stream reach.	Issaquah
15	Upper Spawning Reach Restoration	Install a series of instream grade control structures and large woody debris.	Issaquah
16	Protection of Riparian Corridor	Develop a landowner stewardship project to help protect riparian corridor.	Issaquah
17	I-90 Culvert Replacement	Replace 900 foot culvert under I-90 and replace or modify existing trash rack.	WSDOT
18	Upper Basin Hydrological Assessment	Assess upper basin to improve stormwater management.	Bellevue
Pine Lake Creek			
19	Pine Lake Creek Basin Assessment/Plan	Assess watershed to identify limiting factors for kokanee.	Sammamish
20	Reach Restoration Downstream of Parkway	Restore or enhance kokanee staging and spawning habitat.	Landowner
21	East Lake Sammamish Shore Lane SE Culvert	Replace or modify culvert to improve fish passage.	King County
22	East Lake Sammamish Trail Culvert	Replace or modify culvert to improve fish passage.	King County
23	Reach Restoration Upstream of Parkway	Restore or enhance kokanee spawning habitat.	Landowner
24	Pine Lake Creek Reintroduction	Supplement or reintroduce kokanee into this creek system.	WDFW, USFWS, KC
Issaquah Creek			
25	Lake Sammamish State Park Restoration	Install large woody debris and in-channel structure in the creek.	MTSGT & WSP
26	Pickering Reach Habitat Restoration	Removal riprap, add large woody debris and restore native vegetation.	Issaquah
27	Cybil-Madeleine Reach Restoration	Regrade banks, add large woody debris and create side-channel habitat.	Issaquah
28	East Fork Issaquah Confluence Reach Restoration	Regrade banks and add large woody debris and gravel to improve habitat.	Issaquah
29	Issaquah Creek Reintroduction	Supplement or reintroduce kokanee into this creek system.	WDFW, USFWS, KC
30	Log Weir at Third Ave NE and NE Creek Way	Install a log weir to reconnect side channels and soften armored banks.	Issaquah
Tibbetts Creek			
31	Water Quality Monitoring and Assessment	Continue water quality sampling.	Issaquah
32	NW Poplar Way Stream Restoration	Restore stream channel with large wood to provide stream complexity.	Issaquah
33	Lower Reach Riparian Restoration	Restore riparian in Lake Sammamish SP from foot bridge to Park entrance.	TU, WSP & ST
34	Tibbets Sediment Pond	Evaluate feasibility of decommissioning sediment pond.	TU & Issaquah
George Davis Creek			
35	George Davis Creek Habitat Assessment	Assess habitat conditions to determine the potential for kokanee use.	Sammamish
36	George Davis Creek Fish Passage Project	Replace culverts and pipes to improve fish passage and sediment transport.	Sammamish
37	Dam Removal	Remove fish barrier dam upstream of East Lake Sammamish Parkway	Landowner
Idylwood Creek			
38	Gravel Enhancement of Idylwood Beach Park	Add gravel to the stream near W. Lake Samm. Pkwy to improve kokanee spawning success.	Redmond
39	Passage Barrier Assessment	Evaluate potential passage barrier at a debris/riprap jam upstream of NE 36th Street	Redmond
Vasa Creek			
40	Vasa Creek Hydrologic and Habitat Assessment	Assess hydrologic and habitat conditions to determine the potential for kokanee.	Bellevue
41	Vasa Creek Fish Passage Improvements	Work with private homeowners to address five small kokanee barriers.	Trout Unlimited
42	Vasa Creek Fish Passage at Sewer Line Crossing	Work with owner and Bellevue Utilities to address passage barrier at sewer line crossing.	Bellevue
43	Vasa Creek Fish Passage at 164th Pl	Improve low flow fish passage at 164th Pl SE.	King County
Zackuse Creek			
44	East Lake Sammamish Shore Lane Culvert	Replace culvert to improve fish passage and natural sediment transport.	King County
45	East Lake Sammamish Trail Culvert	Replace culvert to restore fish passage at all flows and restore natural sediment transport.	King County
46	East Lake Sammamish Parkway Culvert	Replace culvert to restore fish passage and natural sediment transport.	Sammamish
47	Channel Restoration through Wetland	Restore channel and riparian buffer condition through forested wetland.	Landowner, Sammamish, ST, TU
48	Zackuse Creek Reintroduction	Supplement or reintroduce kokanee into this creek system.	TU, KC
49	Culvert Replacement at 206th Ave. NE	Replace culvert to restore fish passage and natural sediment transport.	ST, Sammamish
Lake Sammamish Shoreline			
50	Marymoor Pk/N. Lake Shoreline Groundwater Study	Assess available groundwater information to consider spawning potential	King County

MSFEG: Mid Sound Fisheries Enhancement Group MTSgt: Mountains to Sound Greenway Trust KC: King County ST: Snoqualmie Tribe TU: Trout Unlimited
WDFW: Washington Department of Fish and Wildlife WSDOT: Washington State Department of Transportation WSP: Washington State Parks USFWS: US Fish & Wildlife Service